

FIG.1

10

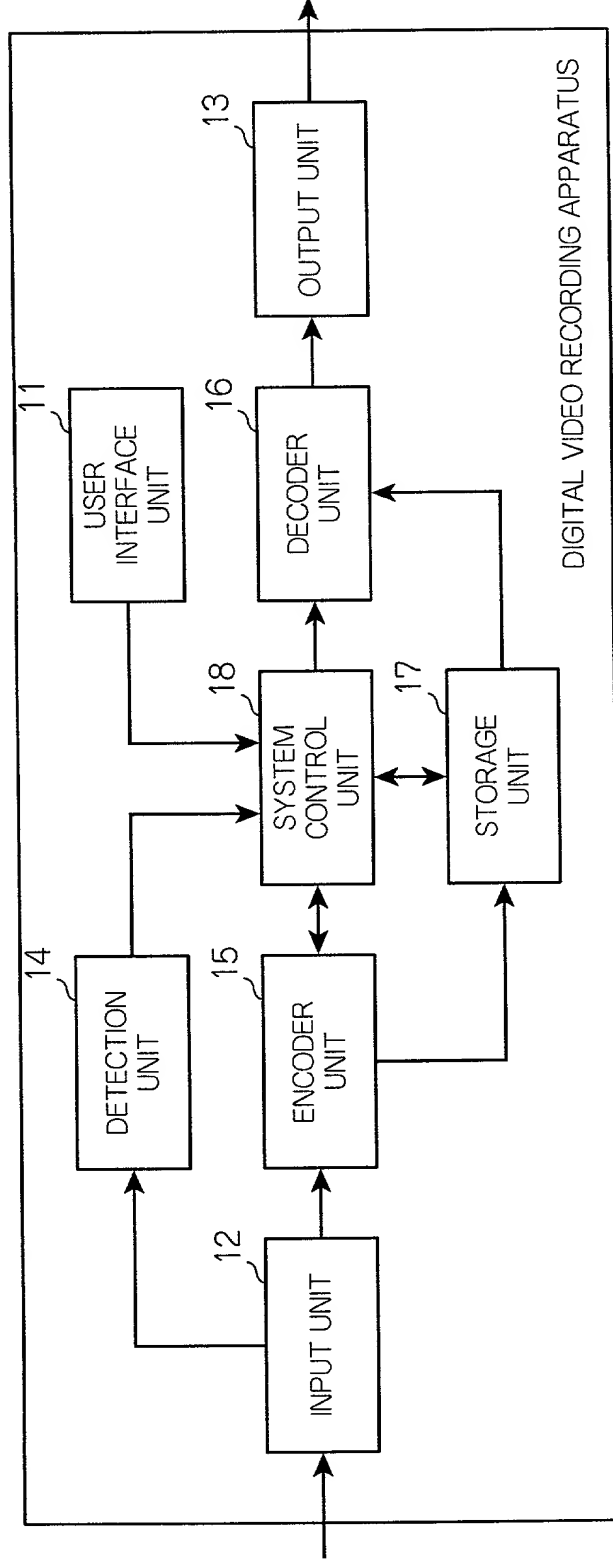


FIG.2

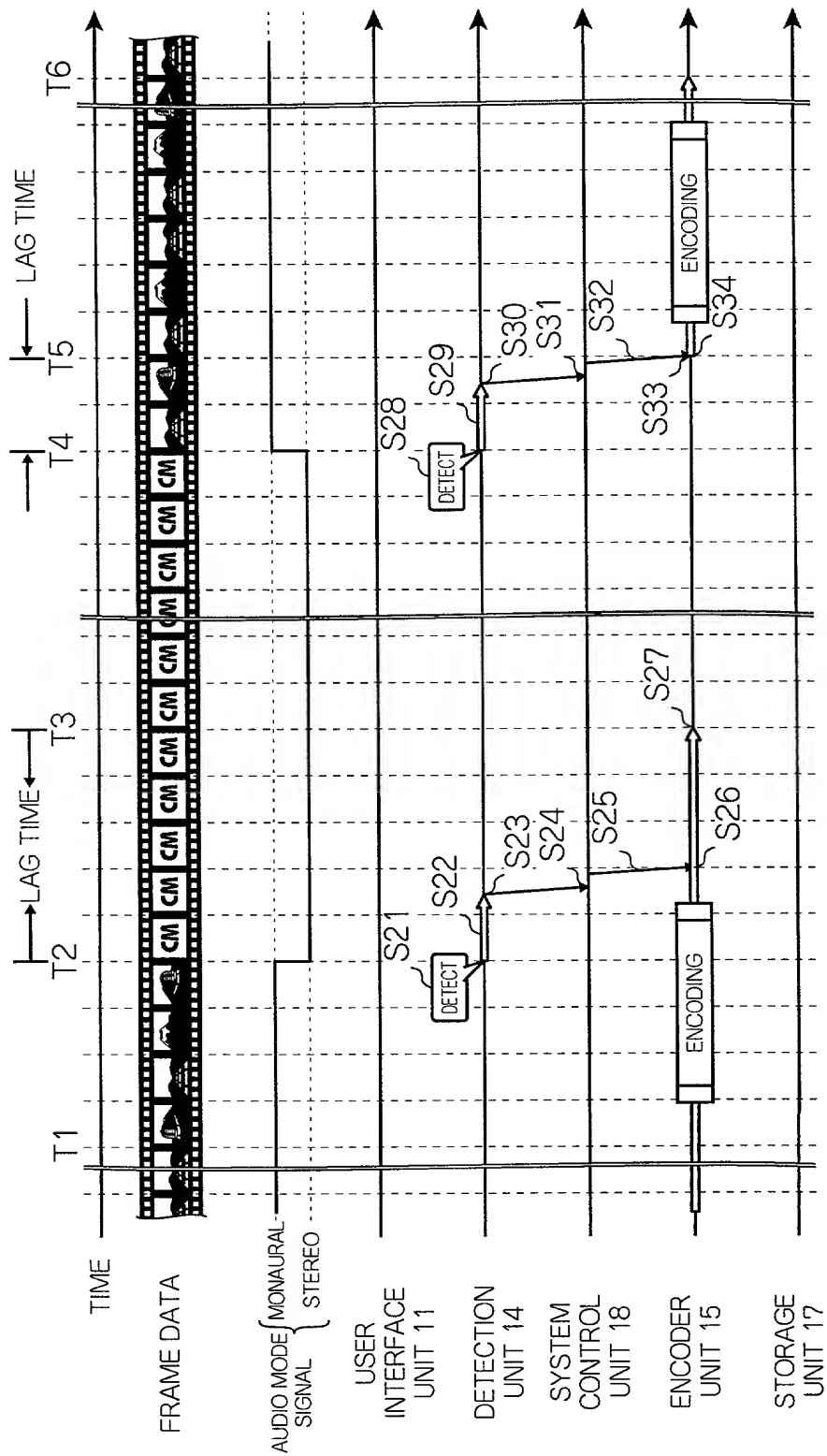


FIG.3

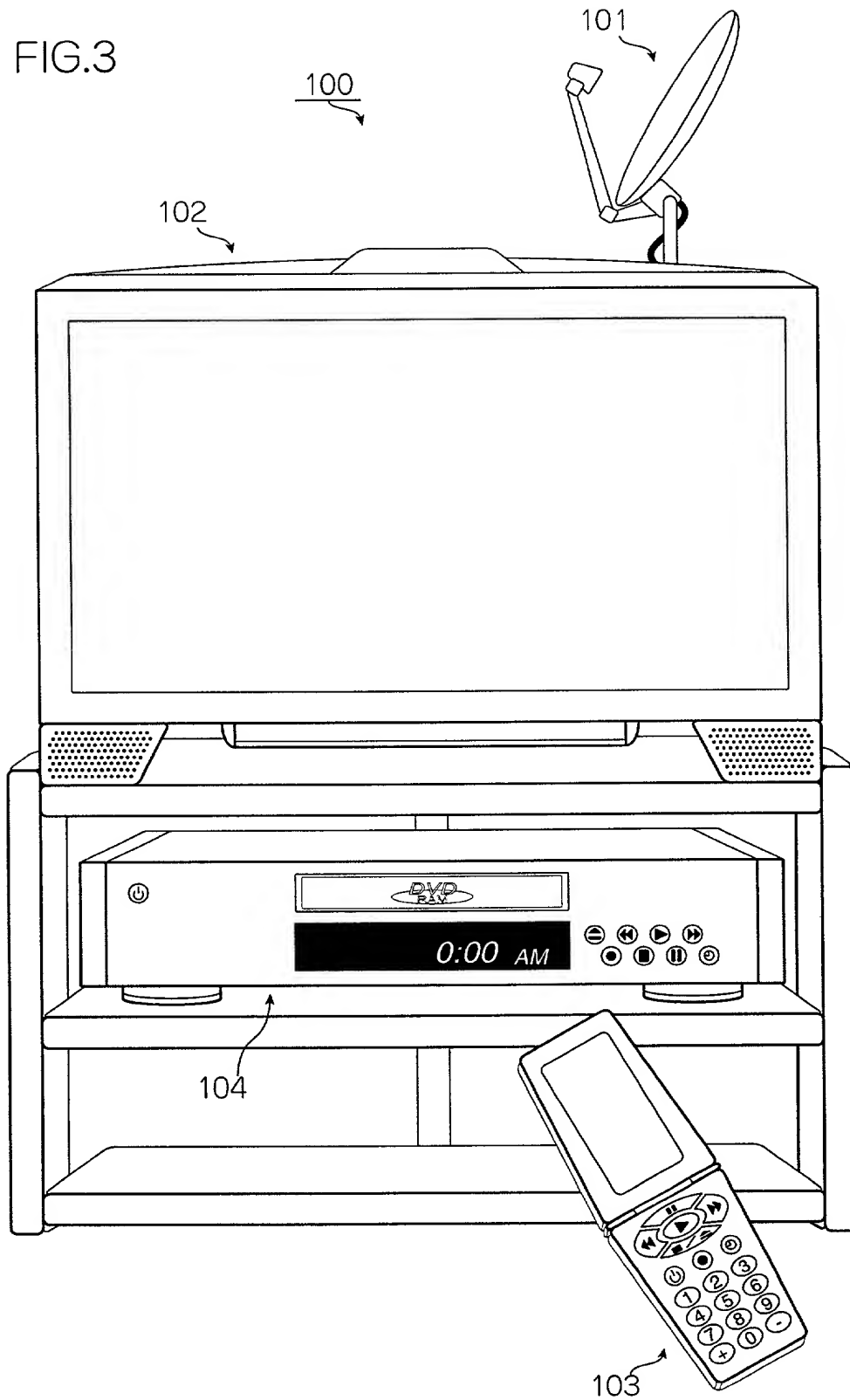


FIG.4

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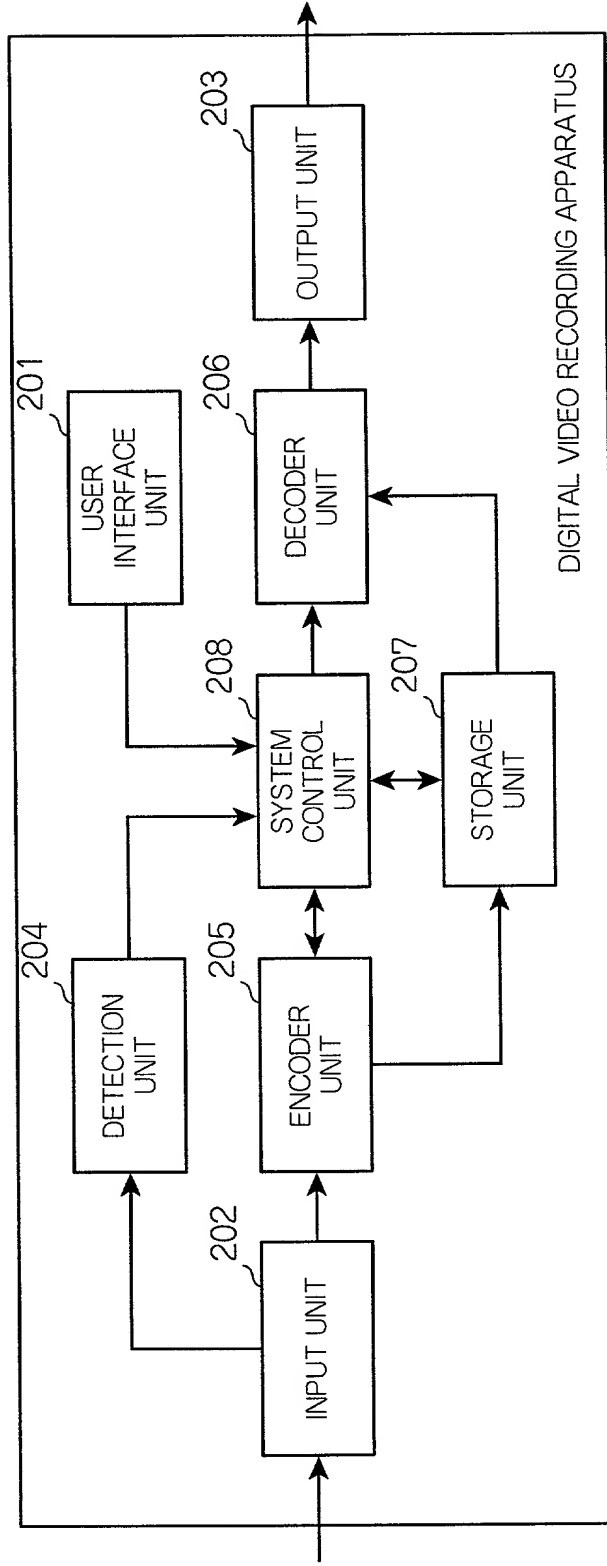


FIG. 5

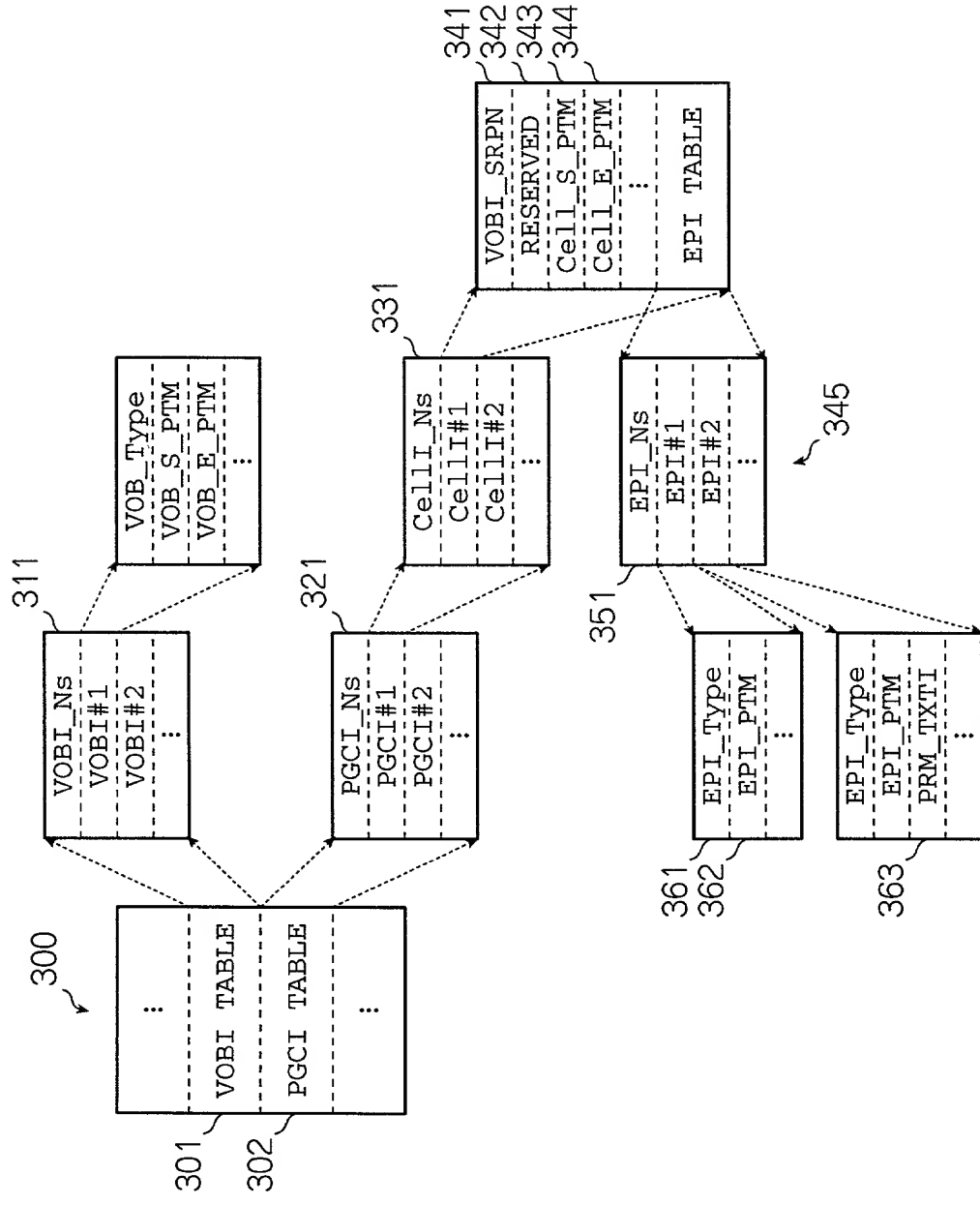


FIG.6

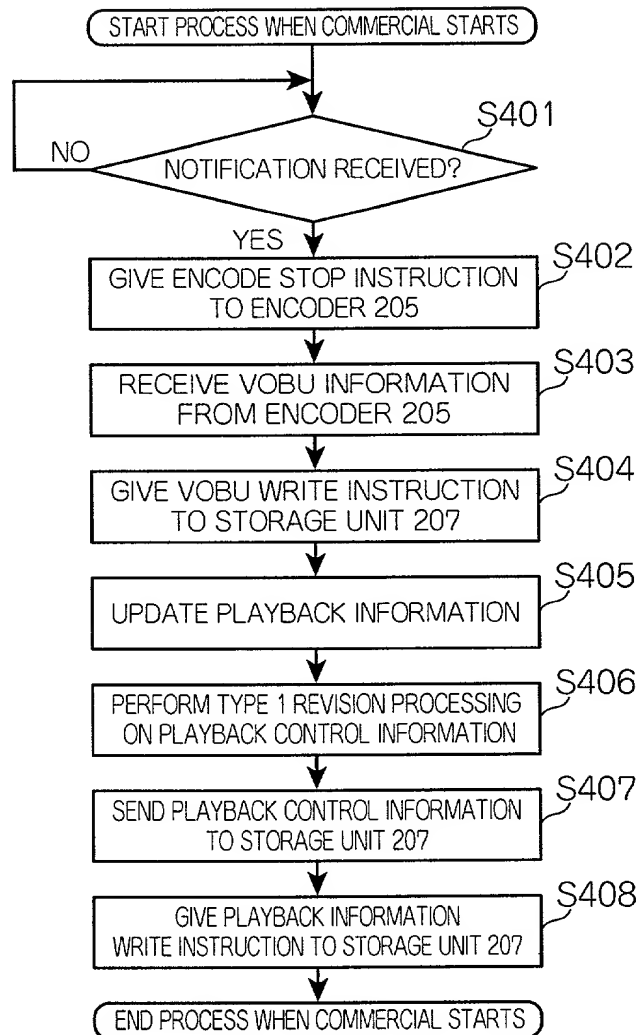


FIG.7

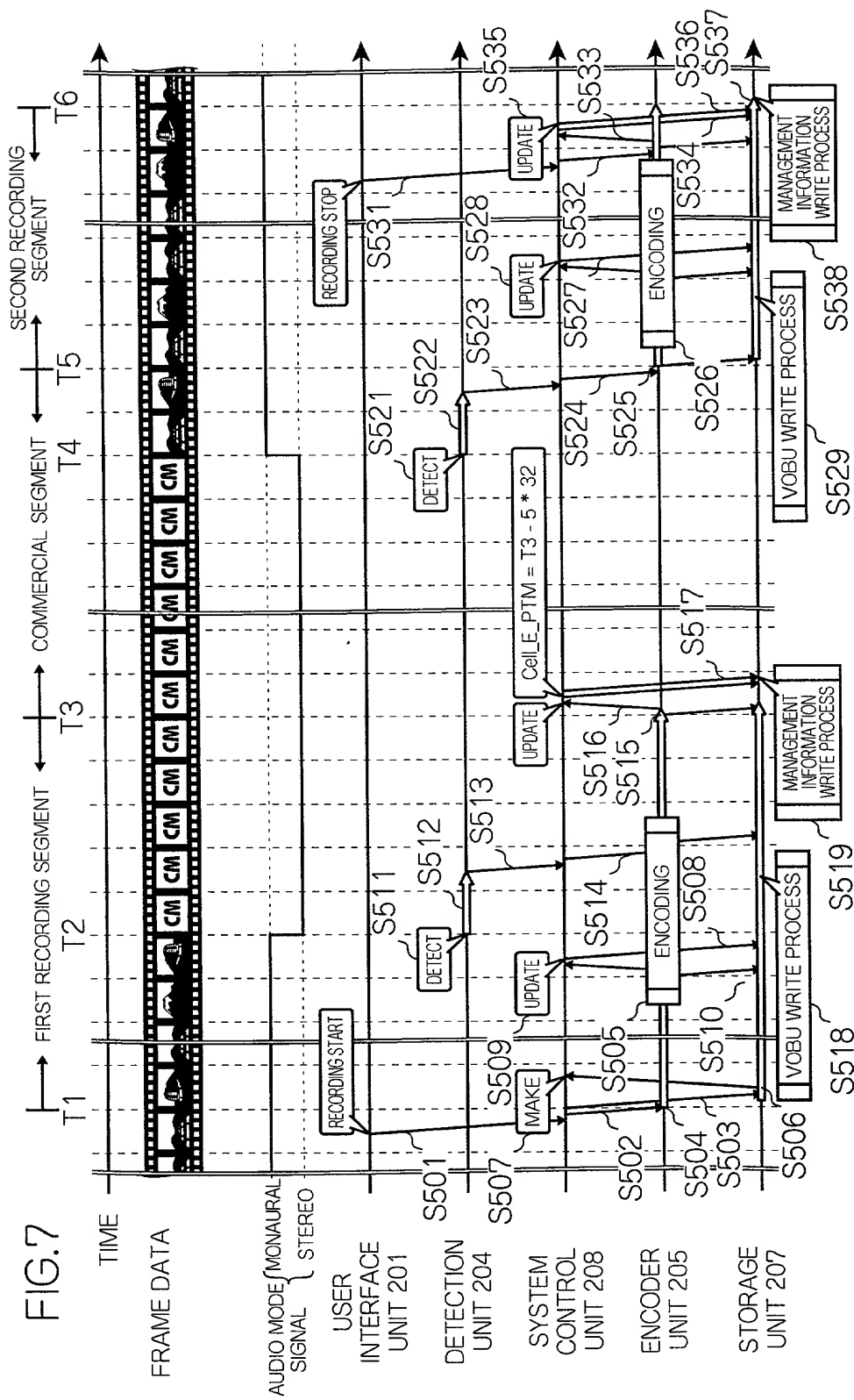
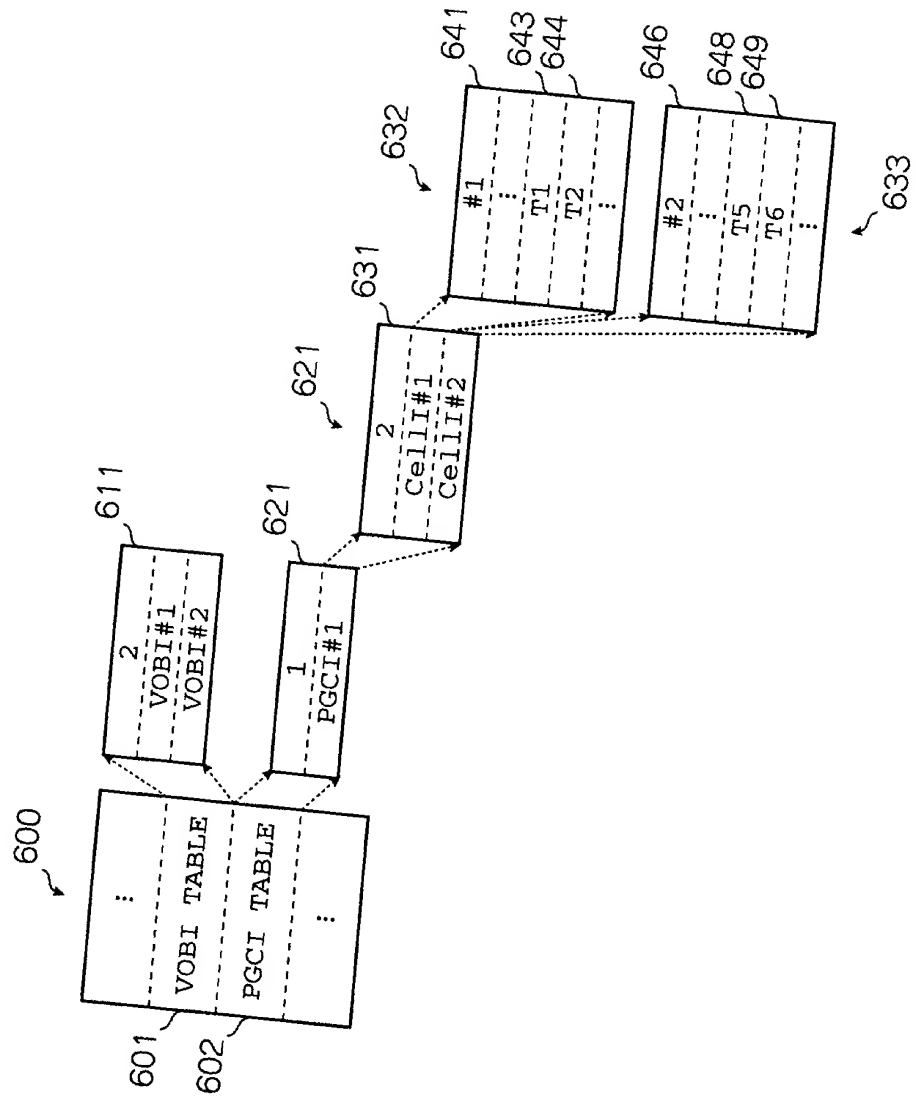


FIG. 8 is a block diagram of a system 600 for managing data in a storage device. The system 600 includes a VOB I/O controller 601 and a PGC I/O controller 602. The VOB I/O controller 601 is connected to a VOB I/O interface 611, which is connected to a VOB I/O device 612. The PGC I/O controller 602 is connected to a PGC I/O interface 621, which is connected to a PGC I/O device 622. The VOB I/O device 612 is connected to a VOB I/O buffer 631, which is connected to a VOB I/O memory 632. The PGC I/O device 622 is connected to a PGC I/O buffer 641, which is connected to a PGC I/O memory 642. The VOB I/O memory 632 is connected to a VOB I/O controller 633, which is connected to a VOB I/O device 634. The PGC I/O memory 642 is connected to a PGC I/O controller 643, which is connected to a PGC I/O device 644.

FIG.8





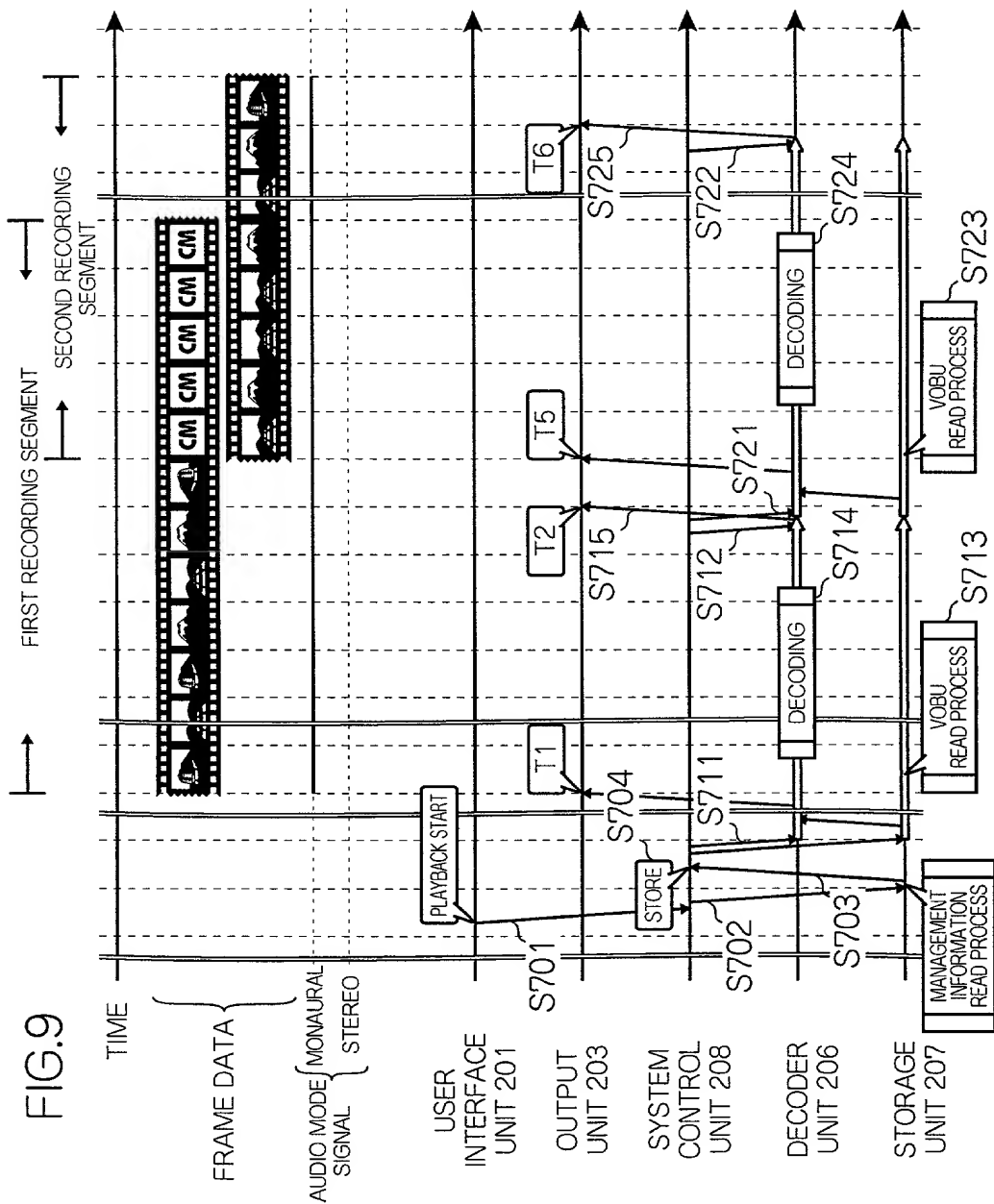
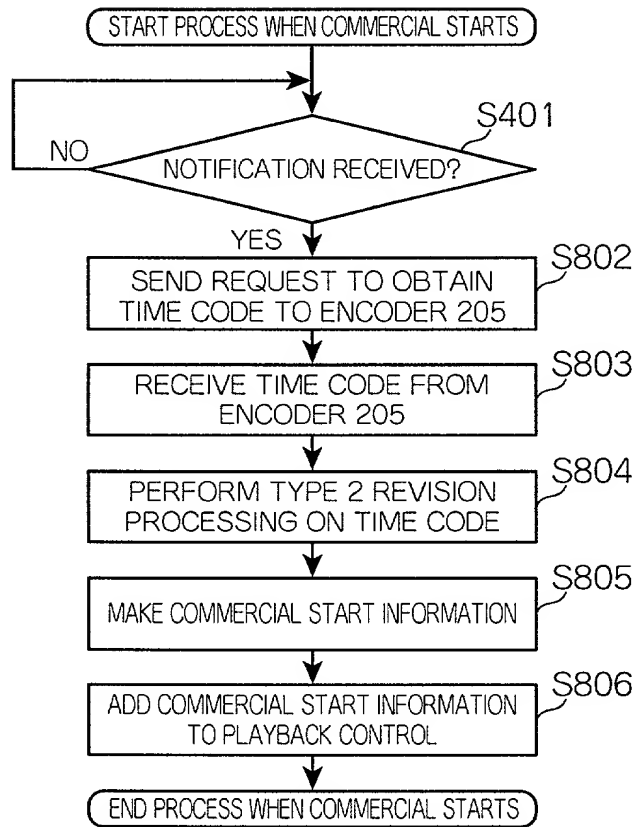


FIG.10



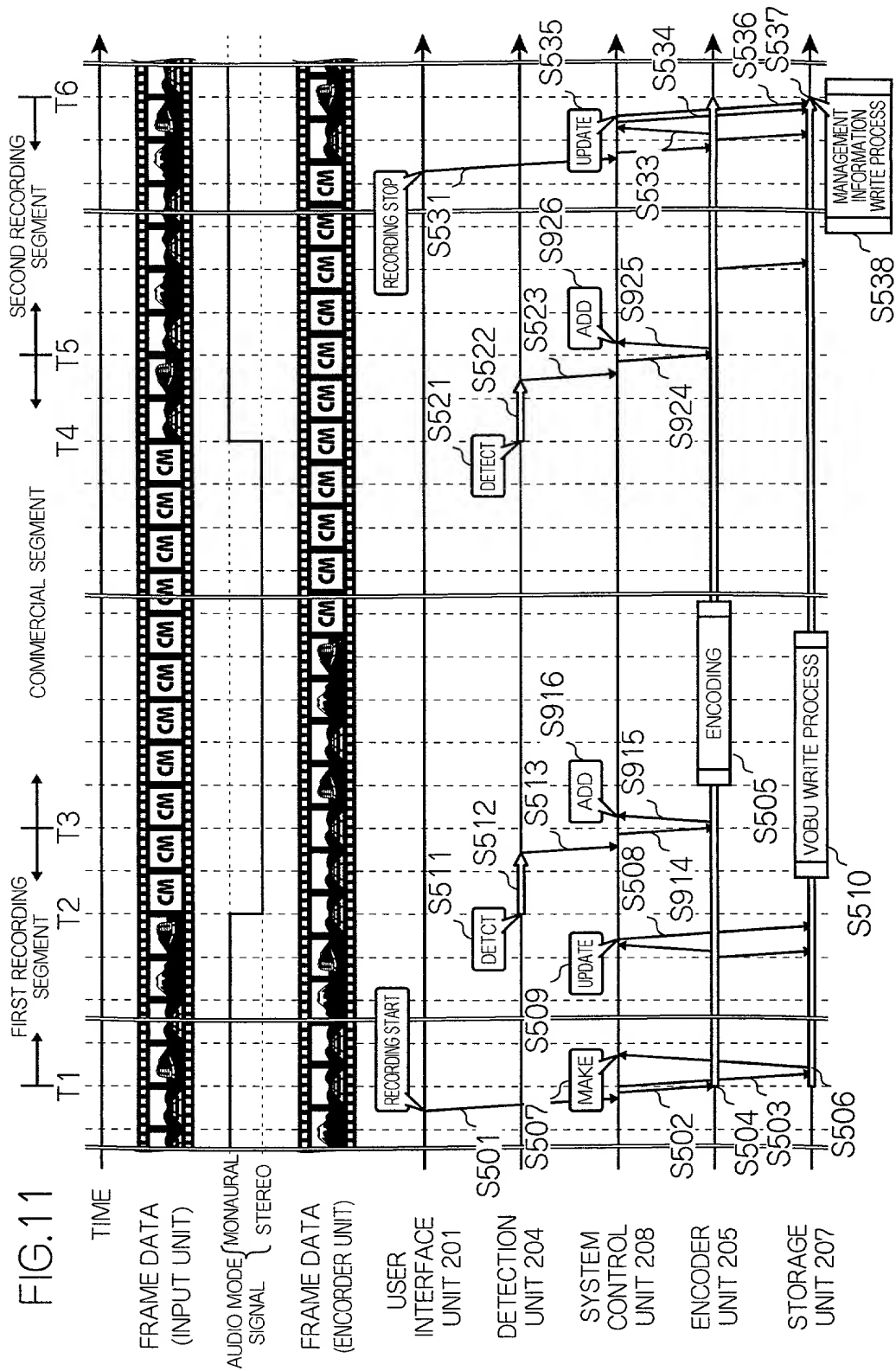


FIG.12

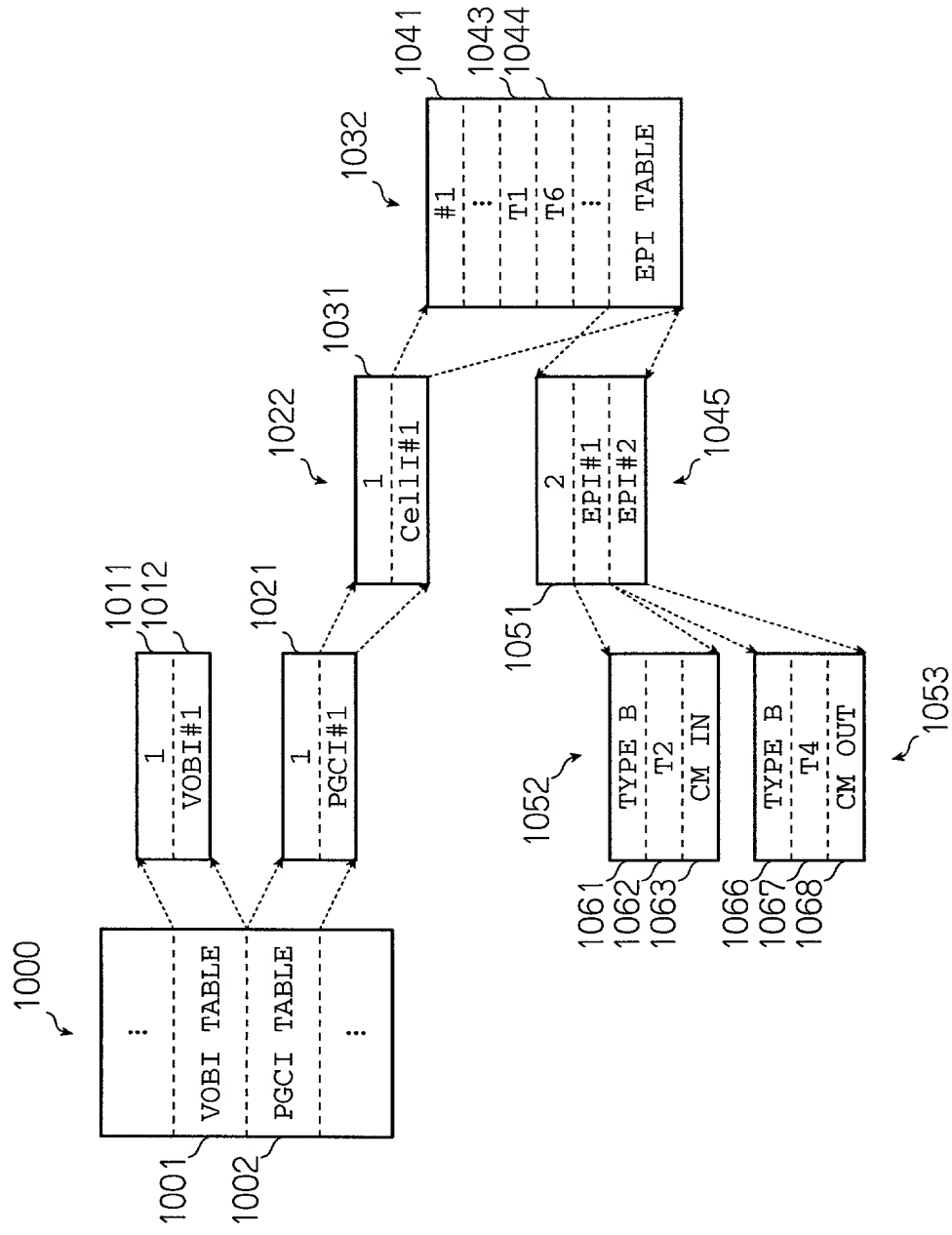


FIG. 13

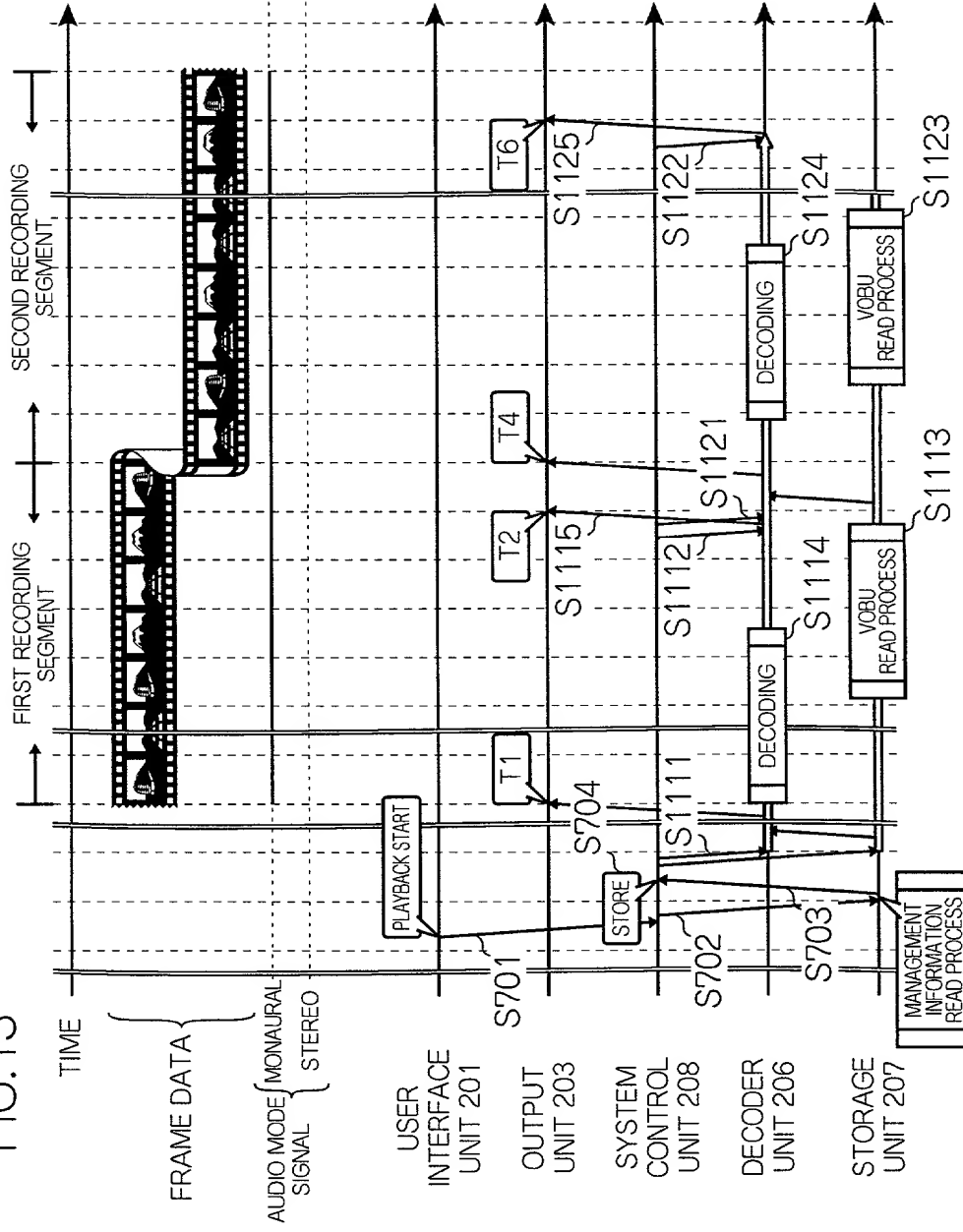
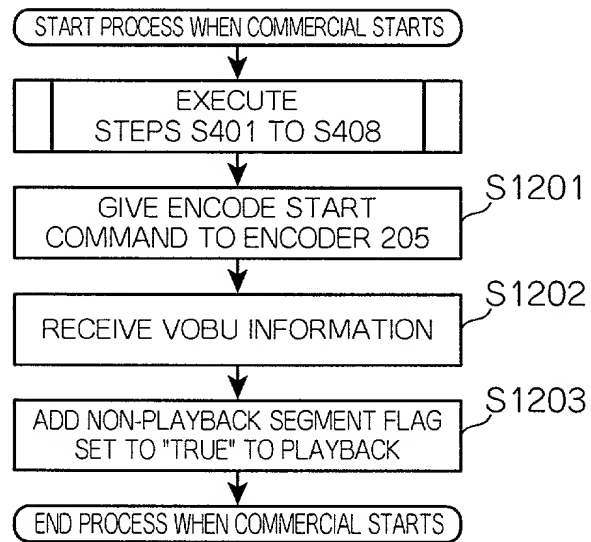


FIG.14



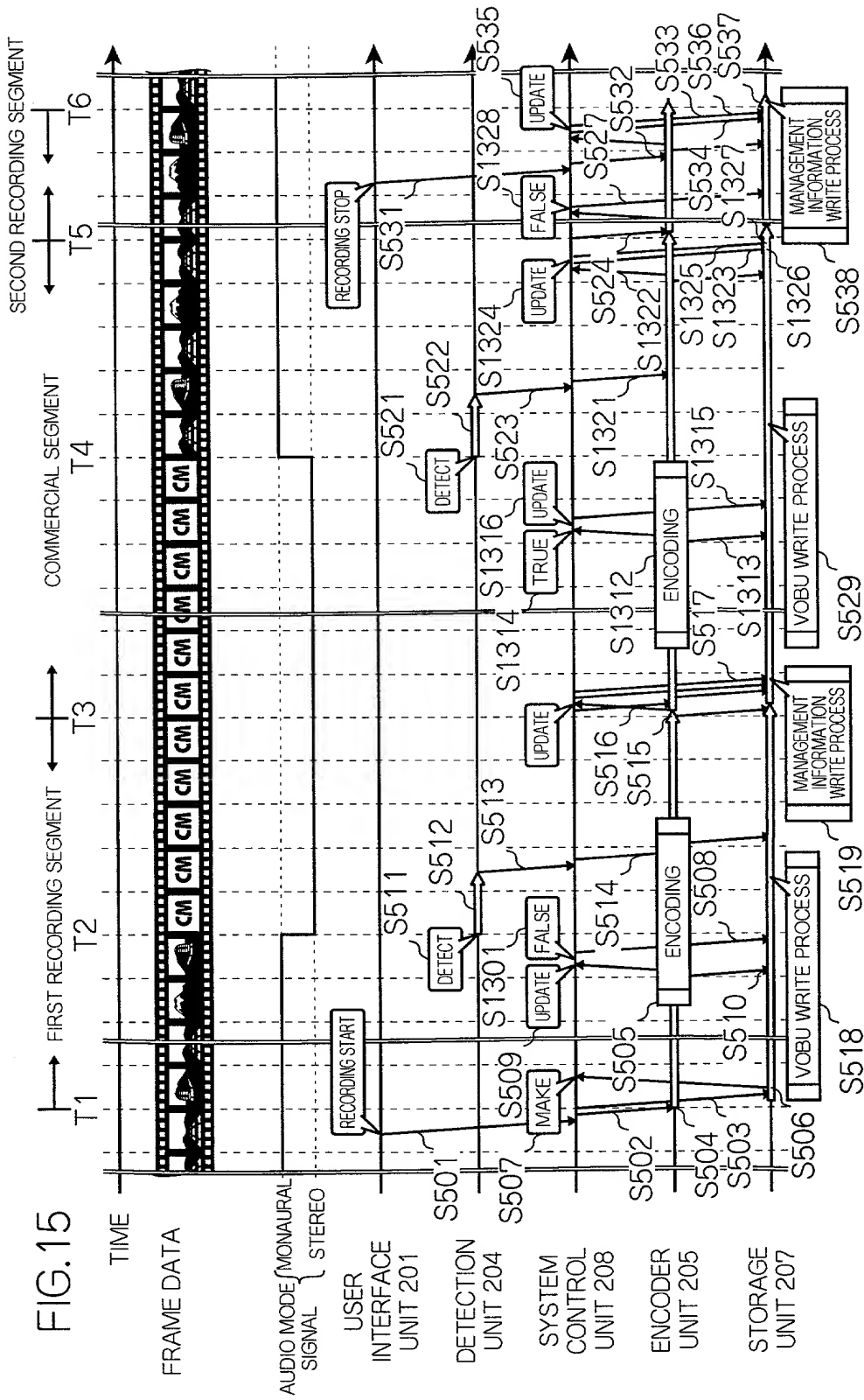
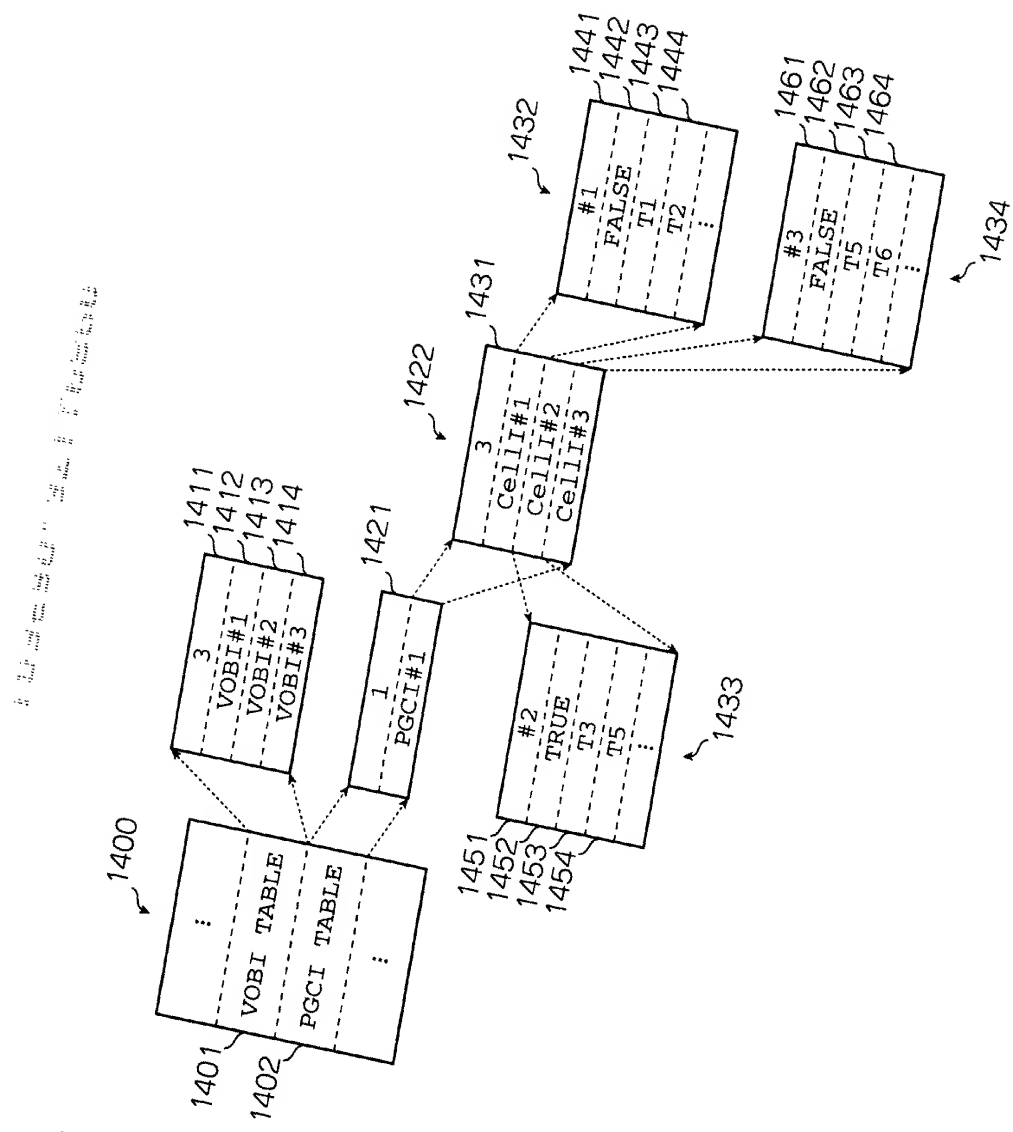


FIG. 16





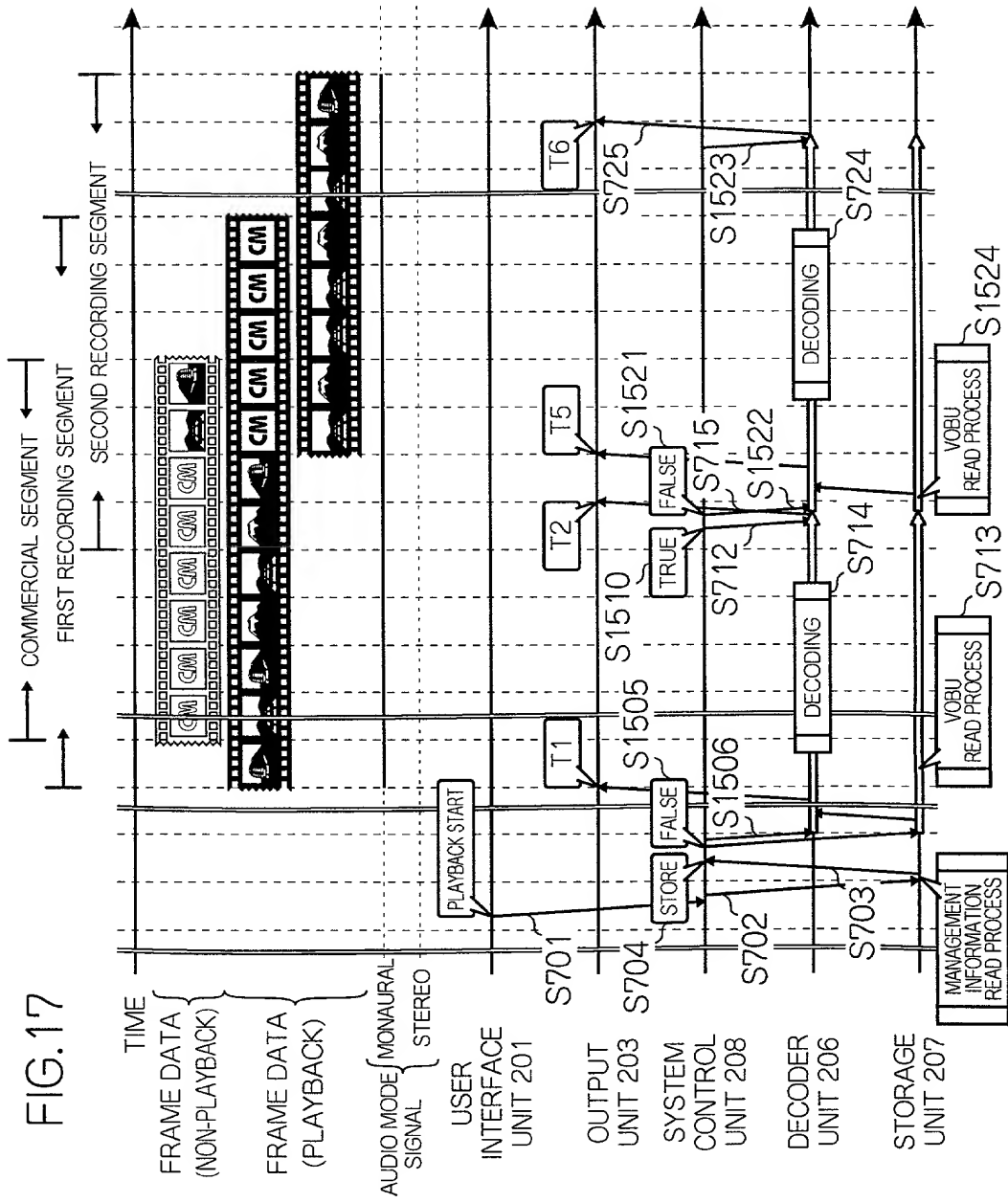
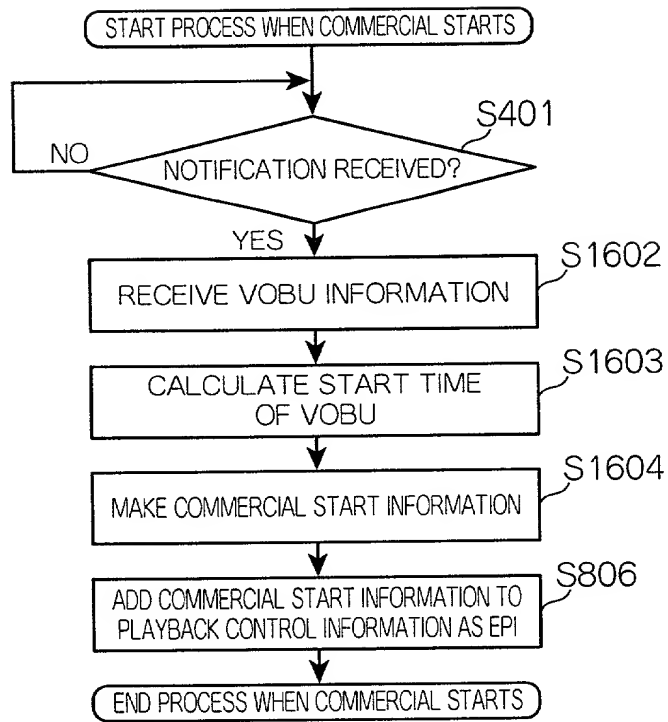


FIG.17

FIG.18



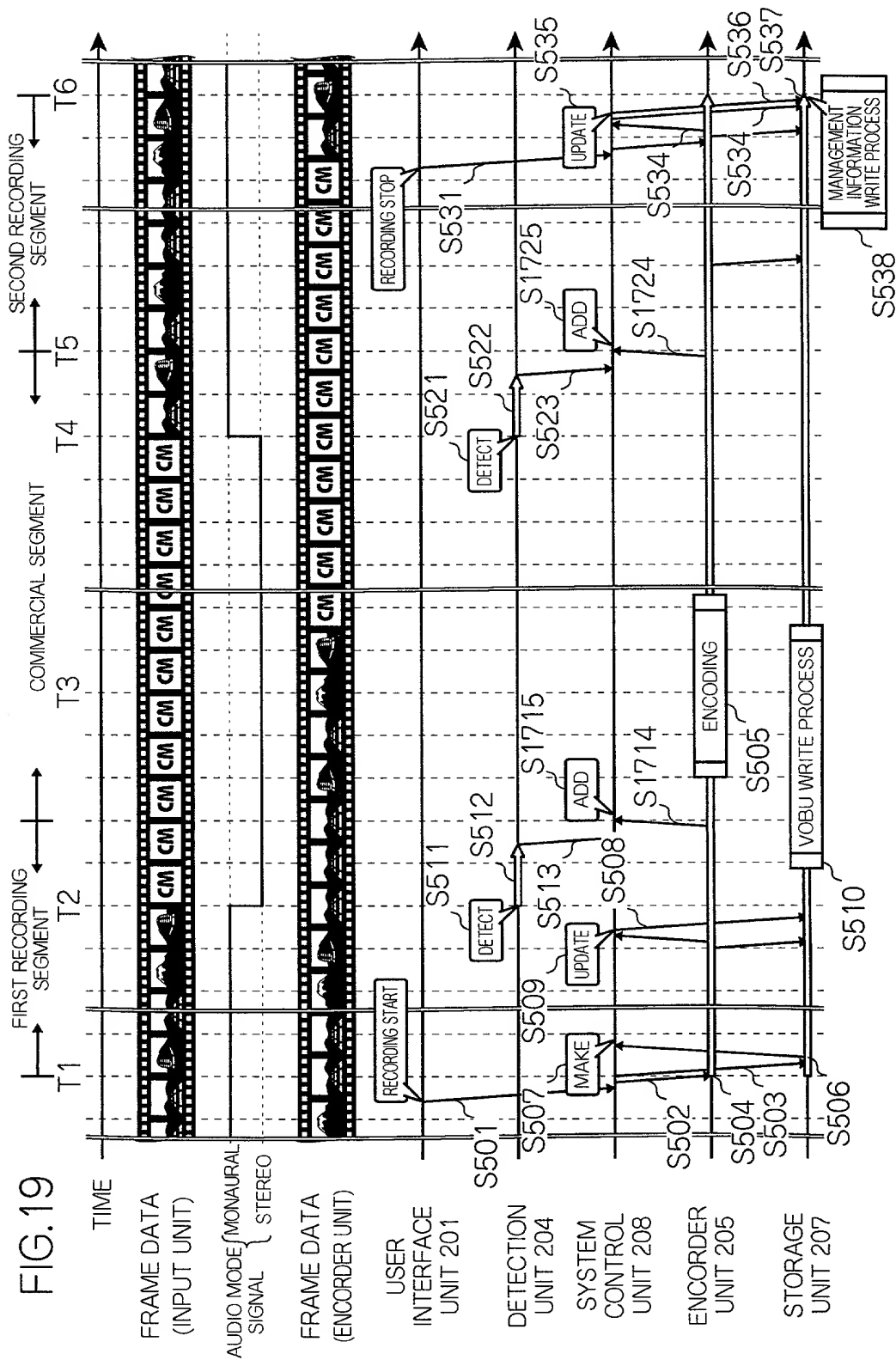


FIG.20

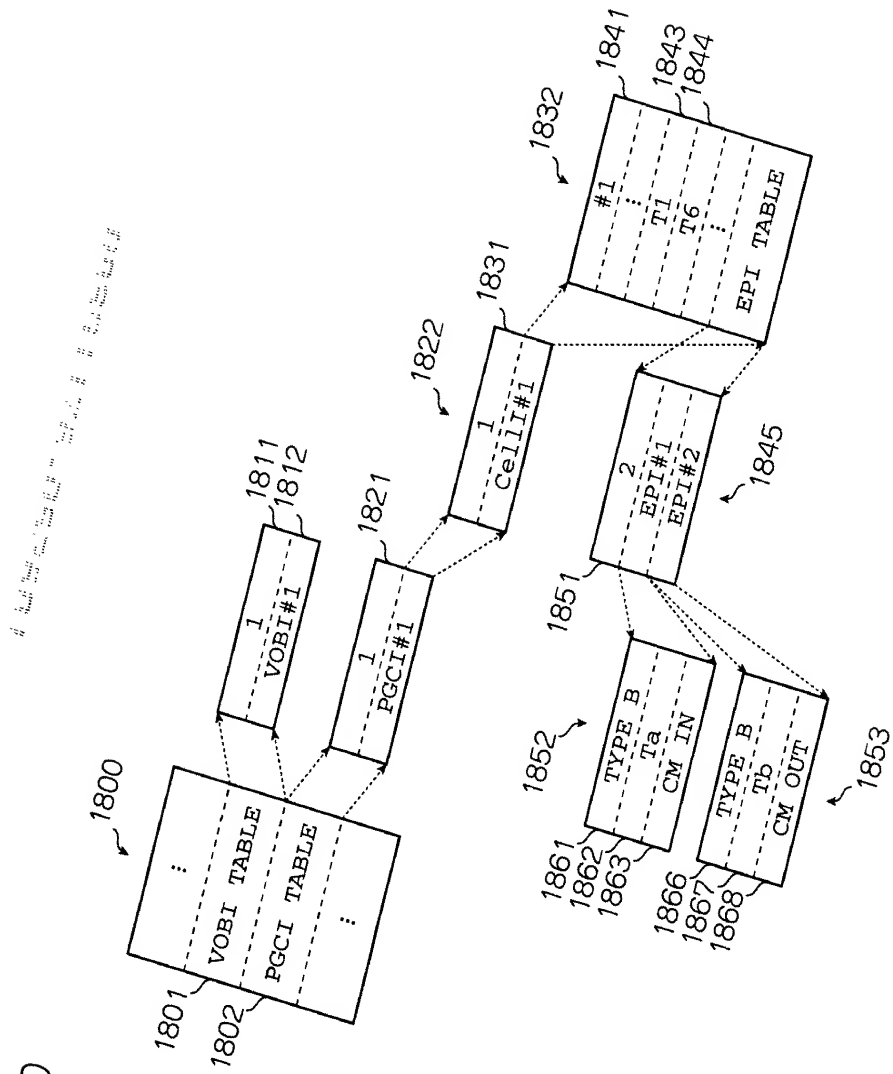


FIG.21

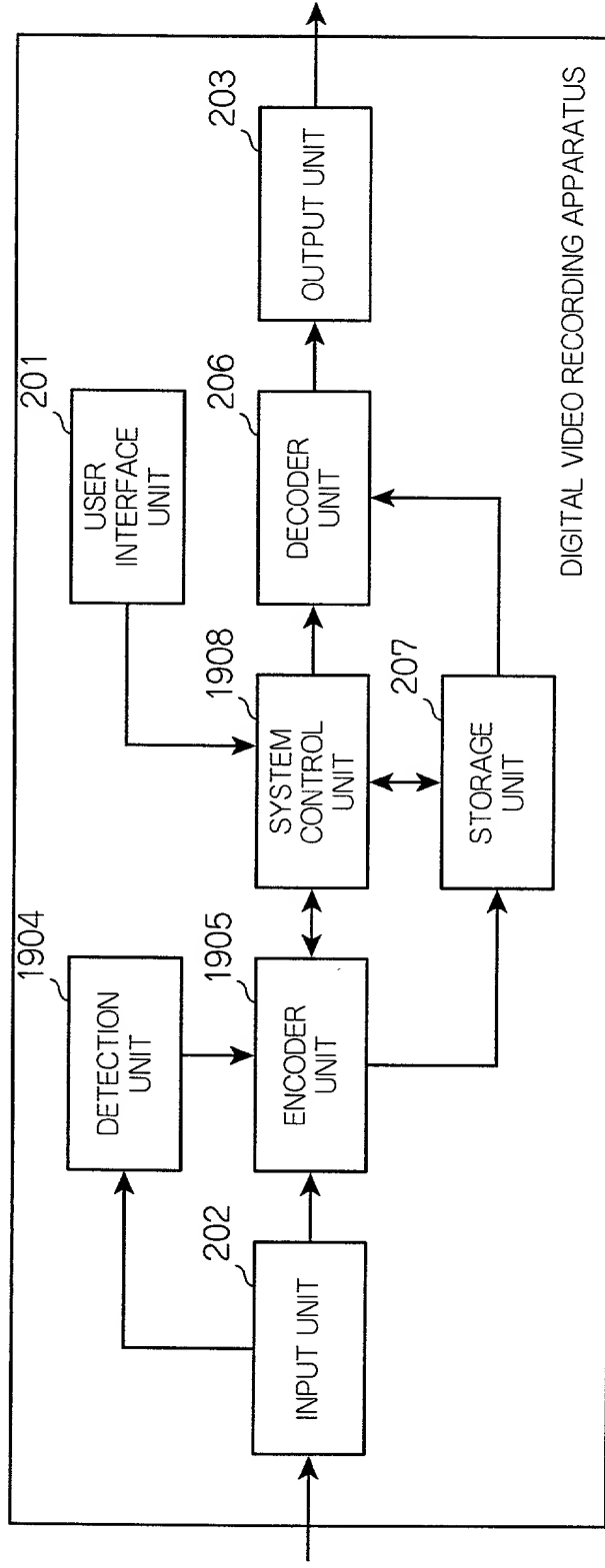
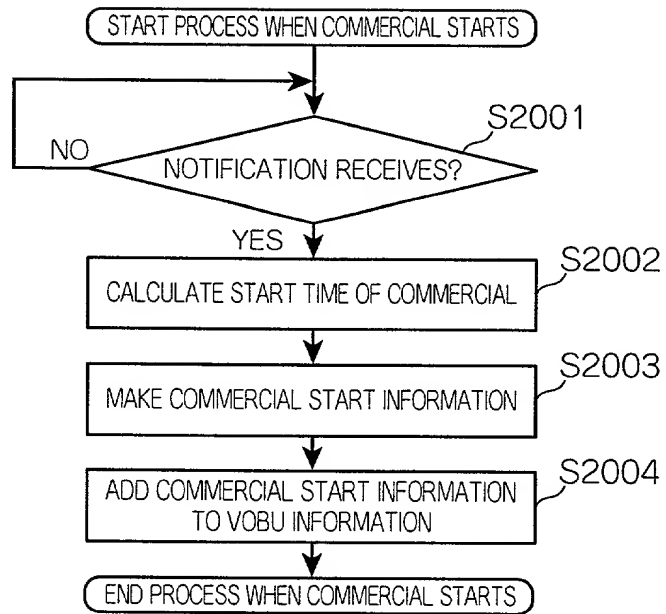


FIG.22



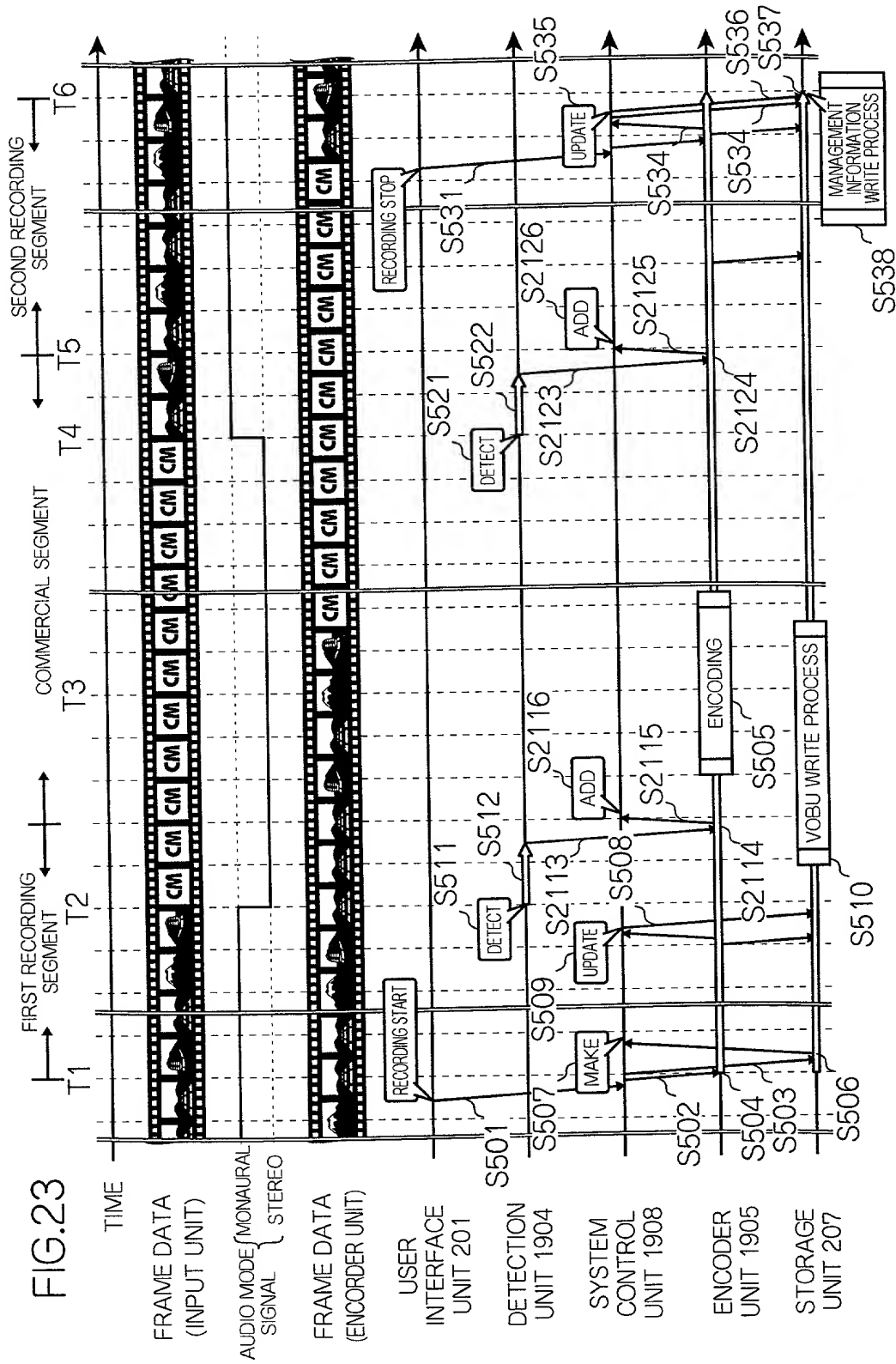


FIG.24

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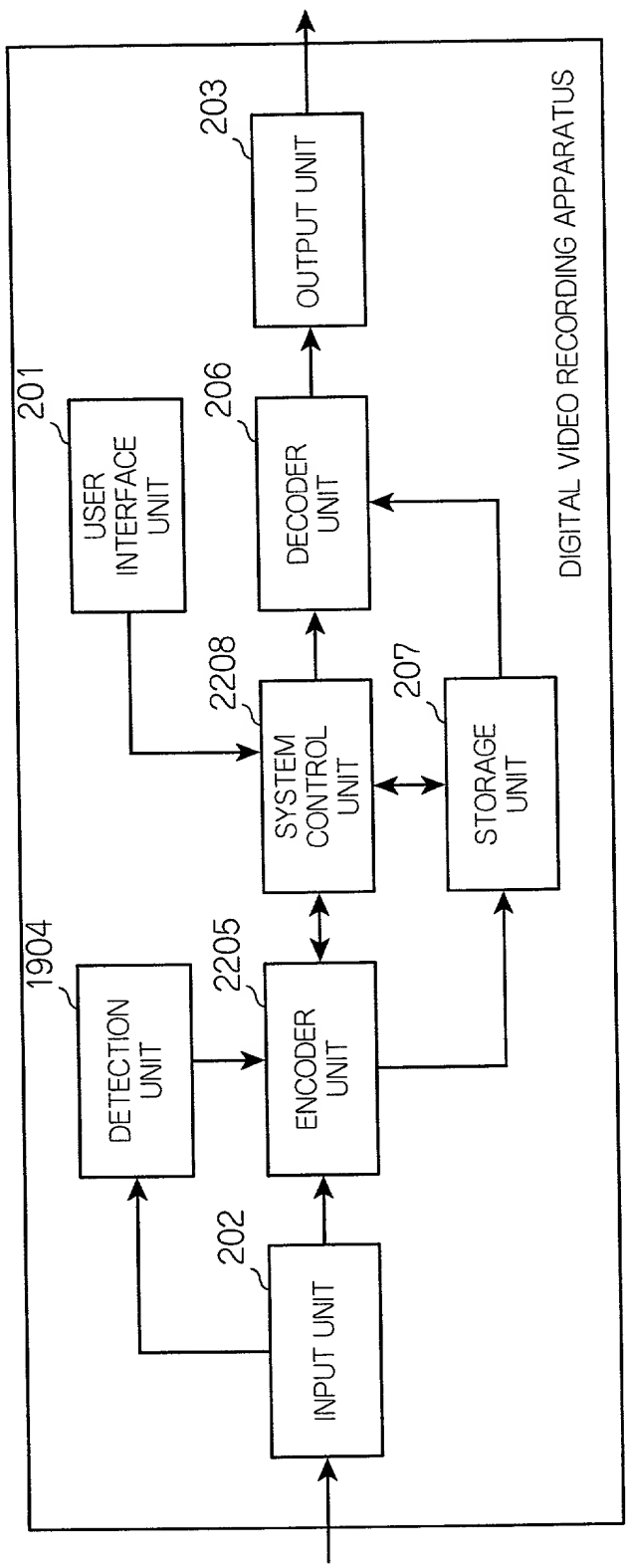




FIG.25

